Contents of Volume 72

Nos. 1/2

W.F. Decraemer and S.M. Khanna *(Belgium, USA)*
Modelling the malleus vibration as a rigid body motion with one rotational and one translational degree of freedom 1

R.A. Velluti, J.L. Peña, M. Pedemonte and P.M. Narins *(Uruguay, USA)*
Internally-generated sound stimulates cochlear nucleus units 19

A.F. Ryan, T.M. Bennett, N.K. Woolf and A. Axelsson *(USA, Sweden)*
Protection from noise-induced hearing loss by prior exposure to a nontraumatic stimulus: Role of the middle ear muscles 23

T. Houtgast and S. Aoki *(the Netherlands, Japan)*
Stimulus-onset dominance in the perception of binaural information 29

M. Brock and C.M. Henley *(USA)*
Postnatal changes in cochlear polyamine metabolism in the rat 37

S.P. Weaver and L. Schweitzer *(USA)*
Development of gerbil outer hair cells after the onset of cochlear function: An ultrastructural study 44

R. Romand, U. Hirning-Folz and G. Ehret *(France, FRG)*
N-myc expression in the embryonic cochlea of the mouse 53

M. Kössl *(FRG)*
Otoacoustic emissions from the cochlea of the 'constant frequency' bats, *Pteronotus parnellii* and *Rhinolophus rouxi* 59

M. Kössl *(FRG)*
Evidence for a mechanical filter in the cochlea of the 'constant frequency' bats, *Rhinolophus rouxi* and *Pteronotus parnellii* 73

B.M. Ryals and E.W. Westbrook *(USA)*
TEM analysis of neural terminals on autoradiographically identified regenerated hair cells 81

R.K. Shepherd, S.A. Xu and G.M. Clark *(Australia)*
Partial hearing loss in the macaque following the co-administration of kanamycin and ethacrynic acid 89

J.D. Durrant, W.H. Martin, B. Hirsch and J. Schwegler *(USA)*
3CLT ABR analyses in a human subject with unilateral extirpation of the inferior colliculus 99

J.W. Conlee, L.C. Gerity, I.S. Westenberg and D.J. Creel *(USA)*
Pigment-dependent differences in the stria vascularis of albino and pigmented guinea pigs and rats 108

J. Popelář, J.-P. Erre, J.-M. Aran and Y. Cazals *(France, Czech Republic)*
Plastic changes in ipsi-contralateral differences of auditory cortex and inferior colliculus evoked potentials after injury to one ear in the adult guinea pig 125

J. Maurer, U.-R. Heinrich and W. Mann *(FRG)*
Differences of inner and outer hair cells in the organ of Corti of the guinea pig in respect to the cellular content of precipitable calcium 135

L.B. Hurd II and M.L. Feldman *(USA)*
Purkinje-like cells in rat cochlear nucleus 143

C. Köppl and G.A. Manley *(Australia, FRG)*
Spontaneous otoacoustic emissions in the bobtail lizard. II: Interactions with external tones 159

G.A. Manley and C. Köppl *(Australia, FRG)*
Spontaneous otoacoustic emissions in the bobtail lizard. III: Temperature effects 171

S.P. Weaver, J. Hoffpauir and L. Schweitzer *(USA)*
Distribution of actin in developing outer hair cells in the gerbil 181

A.-C. Johnson and B. Canlon *(Sweden)*
Toluene exposure affects the functional activity of the outer hair cells 189

D.E. Coling, R.M. Naik and J. Schacht *(USA)*
Calcium and calmodulin inhibit phosphorylation of a novel auditory nerve protein 197

I. Nelken, Y. Prut, E. Vaadia and M. Abeles *(Israel, USA)*
Population responses to multifrequency sounds in the cat auditory cortex: One- and two-parameter families of sounds 206

I. Nelken, Y. Prut, E. Vaddia and M. Abeles *(Israel, USA)*
Population responses to multifrequency sounds in the cat auditory cortex: Four-tone complexes 223

I. Nelken, Y. Prut, E. Vaadia and M. Abeles *(Israel, USA)*
In search of the best stimulus: An optimization procedure for finding efficient stimuli in the cat auditory cortex 237

H. Wataya, K. Handa, K. Hozawa, T. Takasaka, D. Cunningham, E.W. Rubel and S.-i. Hakomori *(USA, Japan)*
A characteristic protein highly expressed in guinea pig inner ear, defined by monoclonal antibody WH-1 254

Contents of Volume 72 263

Author Index 265

Subject Index 267

Calendar of Events 271